

Product Catalog



BUFFALO™

About AOSS

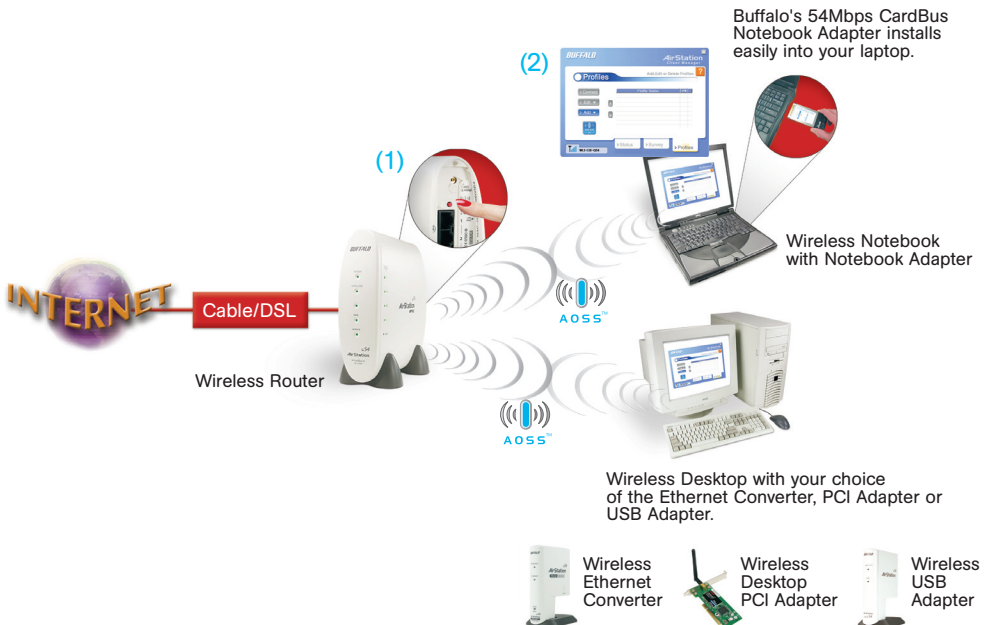


Whether for home or office, Buffalo Technology's AOSS™ allows you to create a high speed secure wireless networking environment with the push of a button and a click of the mouse! AOSS automatically detects and configures each AOSS enabled wireless device and seamlessly creates secure connections. As you add additional AOSS clients, security is negotiated at the highest level possible for all devices on your network.

AOSS – One Click. One Touch. Done.

- (1) Press the AOSS button on the router to initiate the AOSS session.
- (2) Click on the AOSS icon in the Buffalo Client Manager Software.

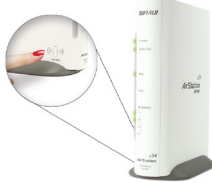
DONE - A secure wireless connection is automatically established between the Access Point and wireless client.



2.4GHz 125* High Speed Mode™ Access Points & Client Adapters

AirStation G54

125* High Speed Mode Wireless Cable/DSL Router



WHR3-G54

Combines blazing fast wireless performance and AOSS technology for fast, easy and secure wireless connections. Works with 802.11g and 802.11b networks.

125* High Speed Mode	AOSS Support	With AOSS Button	4-Port 10/100 Switch
SPI Firewall	WPA Support	Bridge/Repeater	PoE Support
Roaming Support	128/64-bit WEP	Privacy Separator	Optimized WAN/LAN Routing
DHCP Server	Wall Mount Option	External Antenna Option	

125* High Speed Mode Wireless Notebook Adapter



WLI-CB-G54S

Perfect high speed wireless notebook solution with AOSS support (AOSS Client Manager required). Works with 802.11g and 802.11b networks and supports 125* High Speed Mode.

125* High Speed Mode	AOSS Support	128/64-bit WEP	32-bit CardBus	WPA Support
Diversity Antenna	Compatible with 802.11b			

125* High Speed Mode Wireless Desktop PCI Adapter



WLI2-PCI-G54S

For use in any desktop PC with an available PCI slot. Detachable external antenna is available for easy upgrade. Low profile design fits any PCI slot. Supports AOSS technology (AOSS Client Manager required).

125* High Speed Mode	AOSS Support	External Antenna Option	Antenna Adapter Included
WPA Support	Compatible with 802.11b		

Recommended Accessories:



WLE-DA



WLE-NDR

* When operating in High Speed Mode, this Wi-Fi device achieves an actual throughput of up to 34.1 Mbps, which is the equivalent throughput of a system following 802.11g protocol and operating at a signaling rate of 125 Mbps.

2.4GHz 802.11g Access Points



AirStation G54

54Mbps Wireless Cable/DSL Router



WBR2-G54

Includes built-in 4-port 10/100 switch, DHCP Server, AOSS Technology, SPI Firewall and Intrusion Detector. Also compatible with 802.11b products.

54Mbps	AOSS Support	Intrusion Detector	DSL/CATV	4-Port 10/100 Switch
External Antenna Option	Roaming Support	PoE Support	MAC Address Filtering	WPA Support
128/64-bit WEP	3.3V AC Adapter	Wall Mount Option	Compatible with 802.11b	

54Mbps Wireless Intelligent Access Point



WLM2-G54

Advanced security with 802.1x/EAP, enhanced administration with SNMP support, WDS support for communication with up to 6 bridge units. Supports Power over Ethernet (PoE).

54Mbps	Bridge/Repeater	PoE Support	RADIUS Support	802.1x/EAP Support
SNMP Support	External Antenna Option	11 Channels	Roaming Support	MAC Address Filtering
Compatible with 802.11b				

54Mbps Wireless Bridge Access Point



WLA-G54

Includes built-in 4-port 10/100 switch supports WDS for point-to-point and point-to-multipoint communication to extend your wireless network range.

54Mbps	4-Port 10/100 Switch	External Antenna Option	11 Channels	3.3V AC Adapter
PoE Support	Bridge/Repeater	MAC Address Filtering	WPA Support	128/64-bit WEP
Roaming Support	Wall Mount Option	Compatible with 802.11b		

54Mbps Wireless Compact Repeater Bridge



WLA-G54C

Low profile Repeater Access Point. A great way to extend your wireless network.

54Mbps	External Antenna Option	11 Channels	3.3V AC Adapter	PoE Support
Bridge/Repeater	MAC Address Filtering	WPA Support	128/64-bit WEP	Roaming Support
Wall Mount Option	Compatible with 802.11b			

54Mbps Wireless Router & Repeater Kit



WBR2-G54K

Includes 54Mbps Router with 4-port 10/100 switch and Repeater Bridge with pre-configured repeating function. Repeats the wireless signal to double the range of your home or office network.

54Mbps	Wireless Router	Wireless Repeater	Pre-configured Repeating	External Antenna Option
WPA Support	Compatible with 802.11b	128/64-bit WEP	11 Channels	Roaming Support

54Mbps Wireless Startup Kit



WBR2-G54PK

Includes 54Mbps Router with 4-port 10/100 switch and Notebook Adapter, offering easy and secure wireless solutions for notebook users. AOSS allows to set up high-speed secure wireless network within minutes.

54Mbps	Wireless Router	Notebook Adapter	AOSS Support	WPA Support
Compatible with 802.11b	128/64-bit WEP	11 Channels	Roaming Support	



AirStation G54

54Mbps Wireless Notebook Adapter



WLI-CB-G54A

This notebook client solution with WPA level security works with 802.11g and 802.11b networks. Includes built-in external antenna connector and physical security lock. Supports AOSS technology (AOSS Client Manager required).

54Mbps	AOSS Support	External Antenna Option	32-bit CardBus	WPA Support
Diversity Antenna	128/64-bit WEP	Physical Security Lock	Compatible with 802.11b	

54Mbps Wireless Notebook Adapter



WLI-CB-G54L

This notebook client solution with WPA level security works with 802.11g and 802.11b networks. Supports AOSS technology (AOSS Client Manager required).

54Mbps	AOSS Support	32-bit CardBus	WPA Support	Diversity Antenna
128/64-bit WEP	Compatible with 802.11b			

54Mbps Wireless Desktop PCI Adapter



WLI2-PCI-G54

For use in any desktop PC with an available PCI slot. Detachable external antenna for easy upgrade is also available. Low profile design fits any PCI slot. Supports AOSS technology (AOSS Client Manager required).

54Mbps	AOSS Support	External Antenna Option	WPA Support	Compatible with 802.11b
Antenna Adapter Included				

54Mbps Wireless Ethernet Converter



WLI2-TX1-G54

Easily converts Ethernet-enabled desktops, notebooks, game consoles, printers, switches and hubs into wireless clients. No software needed to load. Supports AOSS Technology.

54Mbps	AOSS Support	With AOSS Button	External Antenna Option	128/64-bit WEP
Wall Mount Option	Compact Design	Compatible with 802.11b		

54Mbps Wireless USB Adapter



WLI2-USB2-G54

For use with Windows based notebooks and desktops equipped with an available USB port. Supports USB 2.0 and 1.1. Supports AOSS technology (AOSS Client Manager required).

54Mbps	AOSS Support	External Antenna Option	128/64-bit WEP	Wall Mount Option
Compact Design	USB2.0 and 1.1 Support	Bus Powered	WPA Support	Compatible with 802.11b

2.4GHz 802.11b Access Points & Client Adapters

AirStation™

11Mbps Wireless Bridge Access Point



WLA-L11G

Supports WDS for point-to-point and point-to-multipoint communication to extend your wireless network range.

54Mbps	External Antenna Option	PoE Support	Bridge/Repeater
MAC Address Filtering	Roaming Support	Wall Mount Option	

11Mbps Wireless Cable/DSL Router



WBR2-B11

Includes built-in 4-port 10/100 switch, DHCP Server, SPI Firewall, and Intrusion Detector.

DHCP Server	DSL/CATV	4-Port 10/100 Switch	11 Channels	3.3V AC Adapter
Intrusion Detector	MAC Address Filtering	128/64-bit WEP	Roaming Support	Wall Mount Option

11Mbps Wireless PCMCIA Adapter



WLI-PCM-L11GP

Standard flat PCMCIA Type II card with physical security lock feature to prevent theft. For use in notebooks with an available PCMCIA slot.

External Antenna Option	128/64-bit WEP	Flat Design	Security Lock Feature	Diversity Antenna
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11Mbps Wireless CardBus Adapter



WLI-CB-B11

Standard CardBus card for use in notebooks with an available type II or type III slot. Includes built-in external antenna connector and physical security lock.

External Antenna Option	128/64-bit WEP	Flat Design	Security Lock Feature	Diversity Antenna
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11Mbps Wireless USB Adapter



WLI-USB-B11

For use with Windows based notebooks and desktops equipped with an available USB port.

128/64-bit WEP	Diversity Antenna	3 ft. USB Cable
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11Mbps Wireless USB Keychain Adapter



WLI-USB-KB11

For use with Windows based notebooks and desktops equipped with an available USB port.

128/64-bit WEP	Compact Design	Diversity Antenna	3 ft. USB Cable
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Wired Networking Products

LinkStation Network Storage Center



LD-H120LAN

Easy and economic solution to add 120GB of network-attached storage. Quick and simple installation allows you to instantly store and share your music, videos, images and other files via a web browser from both PCs and Macs.

120GB	Two USB 2.0 Ports	Built-in Print Server	Compact Design	10/100M Port
Scheduled Backup	Integrated Power Supply	Internal Fan	Group & User Permissions	

Network USB Print Server



LPV2-USB-TX1

Compatible with any USB-enabled printer, it offers a simple solution for adding a printer to your network. Easy installation via web browser, Internet Printing Protocol support, and the remote management utility allow you to control and print your jobs from anywhere.

Web Browser Setting	IPP Support	SNMP Support	Connect via 10/100 Port
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Gigabit Ethernet 4-Port Switch



LSW-GT-4W

This 4-port unmanaged Layer 2 switch offers a cost effective way to migrate from Ethernet to Gigabit. For increased network efficiency, the gigabit switch provides data transfer rates of up to 1000Mbps on each port.

10/100/1000 Mbps	Auto-MDIX Support	Auto-sensing	Layer 2 Unmanaged
Flow Control Support			

Gigabit Ethernet 8-Port Switch

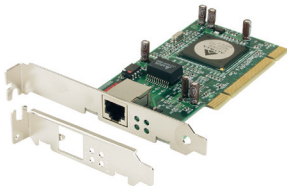


LSW-GT-8W

This 8-port unmanaged Layer 2 switch offers a cost effective way to migrate from Ethernet to Gigabit. For increased network efficiency, the gigabit switch provides data transfer rates of up to 1000Mbps on each port.

10/100/1000 Mbps	Auto-MDIX Support	Auto-sensing	Layer 2 Unmanaged
Flow Control Support			

Gigabit Ethernet PCI Adapter



LGY-PCI32-GT

32-bit high-speed gigabit over copper desktop PCI adapter is designed to increase the performance of PCs that process heavy traffic on the network such as video streaming or graphics.

10/100/1000 Mbps	Auto-MDIX Support	Auto-sensing	Low Power Consumption
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2.4GHz Indoor Omni Antenna AirStation

AirStation



WLE-NDR

This 2.5dBi antenna connects to any of the AirStation Access Points and select wireless adapters. The MC Connector offers instant installation to easily extend the range and performance of your wireless network.

2.5dBi

360°

Antenna

Adjustable
Antenna Angle

5 ft.
Cable

Wall or Desk
Mount

Omnidirectional
Antenna

2.4GHz Indoor Directional Antenna

AirStation



WLE-DA

This 4dBi antenna connects to any of the AirStation Access Points and select wireless adapters. The MC Connector offers instant installation to easily extend the range and performance of your wireless network.

4dBi

Doubles
Signal Range

9 ft.
Cable

Horizontal
Diversity Antenna

Directional
Antenna

2.4GHz Outdoor Omni Antenna

AirStation Pro



WLE-HG-NDC

This 7dBi antenna extends the range of your wireless network environment. It may be used to communicate between buildings or other point-to-point and point-to-multipoint situations. For use with WLE-CC5, WLE-CC10 and WLE-CC20.

7dBi

N-type
Connector

Mounting
Hardware

FCC
Approved

Omnidirectional
Antenna

2.4GHz Outdoor Directional Antenna

AirStation Pro



WLE-HG-DYG

This 14dBi directional antenna extends the range of your wireless network environment up to 2 miles. It may be used to communicate between buildings or other point-to-point and point-to-multipoint situations. For use with WLE-CC5, WLE-CC10 and WLE-CC20.

14dBi

N-Type
Connector

Two Mile
Range

Mounting
Hardware

FCC
Approved

Directional
Antenna

Outdoor Antenna Cables



WLE-CC5
WLE-CC10
WLE-CC20

Sealed LMR-400 cables attach from AirStation and AirStation Pro access points to outdoor antennas.

Pigtail Connector



WLE-LNC

Converts the AirStation's LNC connector to an N-type coaxial connector to use with outdoor antennas and outdoor antenna cables.

Power over Ethernet (PoE)



Receiver

Supply

WLE-POE-R33 for 3.3V Rated AirStations
WLE-POE-R7 for 7V Rated AirStations
WLE-POE-S for all AirStations

AirStation PoE units power the AirStations up to 300 ft. over CAT5 Ethernet cable. PoE enabled Access Points (WLM2-G54) require only PoE Supply.

300 ft.
Range

10/100M
Port

5V AC
Adapter

AirStation Wall Mount Kits



WLE-WK33 for 3.3V NON-WHR Routers
WLE2-WK33 for 3.3V WHR Routers
WLE-WK for 7V Routers

Mount the AirStation high on walls for clean installation and better reception. Extra long AC Adapter included.

Easy
Install

10 ft. AC
Adapter

Antenna Wall Mount Kits



WLE-KG-VPB

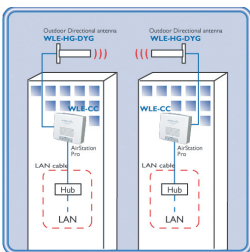
WLE-KG-VPA

Antenna Wall Mount Kits for use with AirStation outdoor antennas (WLE-HG-DYG / WLE-HG-NDC) for easy installation and better reception.

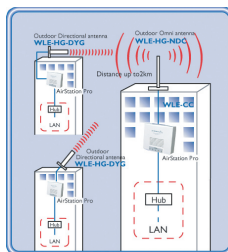
Wireless Distribution System (WDS):

Buffalo Technology products support WDS (Wireless Distribution System) for wireless LAN connectivity between buildings. Point-to-point or point-to-multipoint solutions using optional 2.4GHz outdoor antennas are possible with 802.11g and 802.11b wireless products. Repeater function can cover dead spots in your wireless network.

Point-to-Point



Point-to-Multipoint



Repeater Function



About Buffalo Technology

Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award winning line of AirStation 54g products; its 125* High Speed Mode™ 802.11g products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products – perfectly suited for any wireless environment.

With its new AirStation One-Touch Secure System (AOSS), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.

Buffalo Technology Worldwide

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* When operating in High Speed Mode, this Wi-Fi device achieves an actual throughput of up to 34.1 Mbps, which is the equivalent throughput of a system following 802.11g protocol and operating at a signaling rate of 125 Mbps.

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